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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/026,297	12/21/2001	Christiaan M. H. Mets	I20 01628 US	8095
128	7590	12/31/2003	EXAMINER	
HONEYWELL INTERNATIONAL INC. 101 COLUMBIA ROAD P O BOX 2245 MORRISTOWN, NJ 07962-2245			BHAT, ADITYA S	
			ART UNIT	PAPER NUMBER
			2863	

DATE MAILED: 12/31/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/026,297

Applicant(s)

METS ET AL.

Examiner

Aditya S Bhat

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 19 May 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-33 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-33 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 December 2001 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.  
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 5/19/03. 6) ☐ Other:

## **DETAILED ACTION**

### ***Drawings***

New corrected drawings are required in this application because the numbering in the figures should not be labeled by hand. Applicant is advised to employ the services of a competent patent draftsman outside the Office, as the U.S. Patent and Trademark Office no longer prepares new drawings. The corrected drawings are required in reply to the Office action to avoid abandonment of the application. The requirement for corrected drawings will not be held in abeyance.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1- 33 are rejected under 35 U.S.C. 102(b) as being anticipated by Madore et al. (USPN 5,909,672) .

With regards to claim 1, Madore et al. (USPN 5,909,672) teaches a method for processing the data of a process, said method comprising:

(a) collecting activity data from a first activity having a first interval and a second activity that has a second interval, said first and second intervals occurring during said process  
(Col.1, lines 16-23)

(b) processing said activity data according to a data structure that defines said first and second intervals such that said first interval frames said second interval at least in part; (Col.1, lines 60-63 ) and

(c) storing said processed activity data. (Col. 1,lines 60-63 )

With regards to claim 2, Madore et al. (USPN 5,909,672) teaches, an identity and a plurality of activity attributes for each of said first and second activities. (Col. 10, lines 39-42)

With regards to claim 3, Madore et al. (USPN 5,909,672) teaches attributes are selected from the group consisting of: start time, end time and item used in said process. (Col.1, lines 45-46)

With regards to claim 4, Madore et al. (USPN 5,909,672) teaches, each of said activity attribute has an attribute value selected from the group consisting of: date and/or time and device of said equipment used in said process. (Col. 15, lines1-4)

With regards to claim 5, Madore et al. (USPN 5,909,672) teaches, activity attribute values of said second activity matches at least one of said activity attribute values of said first activity. (Col. 15, lines1-7)

With regards to claim 6, Madore et al. (USPN 5,909,672) teaches, an apparatus for processing the data of a process, said apparatus comprising:

means for collecting activity data from a first activity having a first interval and a second activity that has a second interval, said first and second intervals occurring during said process; (Col.1, lines 16-23)

means for processing said activity data according to a data structure that defines said first and second intervals such that said first interval frames said second interval at least in part; (28; See figure 1) and

means for storing said processed event data. (64; figure 1)

With regards to claim 7 Madore et al. (USPN 5,909,672) teaches, an identity and a plurality of activity attributes for each of said first and second activities. (Col. 10, lines 39-42)

With regards to claim 8 Madore et al. (USPN 5,909,672) teaches, activity attributes are selected from the group consisting of: start time, end time and item used in said process. (Col. 1, lines 45-46)

With regards to claim 9, Madore et al. (USPN 5,909,672) teaches, item is an equipment, and wherein said activity attributes has an attribute value selected from the group consisting of: date and/or time and device of said equipment used in said process. (Col. 15, lines 1-4)

With regards to claim 10, Madore et al. (USPN 5,909,672) teaches, attribute values of said second activity matches at least one of said attribute values of said first activity. (Col. 15, lines 1-7)

With regards to claim 11, Madore et al. (USPN 5,909,672) teaches, a method for retrieving activity data of a process that is stored in a memory, said method comprising:

(a) identifying a first activity that has a first interval, which occurs during said process, (Col. 10, lines 39-42)

(b) identifying a second activity that has a second interval, which occurs during said process and is framed at least in part by said first interval; and (Col.10, lines 39-42)

(c) processing said first and second activities to access said memory to retrieve said activity data. (Col.1, lines 60-63)

With regards to claim 12, Madore et al. (USPN 5,909,672) teaches, (a) and (b) utilize a data structure that comprises an identity and a plurality of activity attributes for each of said first and second activities. (Col.10, lines 39-42)

With regards to claim 13 Madore et al. (USPN 5,909,672) teaches, activity attributes are selected from the group consisting of: start time, end time and item used in said process. (Col.1, lines 45-46)

With regards to claim 14 Madore et al. (USPN 5,909,672) teaches, activity attributes have an attribute value selected from the group consisting of: date and/or time and device of said equipment used in said process. (Col.15, lines 1-4)

With regards to claim 15 Madore et al. (USPN 5,909,672) teaches, at least one of said attribute values of said second activity matches at least one of said attribute values of said first activity. (Col.15, lines 1-7)

With regards to claim 16 Madore et al. (USPN 5,909,672) teaches, step (b) identifies said second activity with a reference selected from the group consisting of: time based reference with respect to said first interval, direct reference to said first activity and indirect reference to said first activity. (Col.15, lines 1-4)

With regards to claim 17 Madore et al. (USPN 5,909,672) teaches, all sub-activities are retrieved that are framed at least in part by said first interval.

With regards to claim 18 Madore et al. (USPN 5,909,672) teaches, direct reference directly refers to said first activity. (Col.15, lines 1-7)

With regards to claim 19 Madore et al. (USPN 5,909,672) teaches, indirect reference includes a reference to an item used by said process during said first activity. (Col.15, lines 1-7)

With regards to claim 20 Madore et al. (USPN 5,909,672) teaches, an apparatus for retrieving activity data of a process that is stored in a memory, said apparatus comprising:

first means for identifying a first activity that has a first interval, which occurs during said processes, (Col.10, lines 39-42)

second means for identifying a second activity that has a second interval, which occurs during said process and is framed at least in part by said interval; and (Col.10, lines 39-42)

means for processing said first and second activities to access said memory to retrieve said activity data. (figure 1)

With regards to claim 21 Madore et al. (USPN 5,909,672) teaches, first, second and third means utilize a data structure that comprises an identity and a plurality of activity attributes for each of said first and second activities.

With regards to claim 22 Madore et al. (USPN 5,909,672) teaches, activity attributes are selected from the group consisting of: start time, end time and item used in said process. (Col.1, lines 45-46)

With regards to claim 23 Madore et al. (USPN 5,909,672) teaches, activity attributes have an attribute value selected from the group consisting of: date and/or time and device of said equipment used in said process. (Col. 15, lines 1-4)

With regards to claim 24 Madore et al. (USPN 5,909,672) teaches, attribute values of said second activity matches at least one of said attribute values of said first activity. (Col.15, lines 1-7)

With regards to claim 25 Madore et al. (USPN 5,909,672) teaches, second means identifies said second activity with a reference selected from the group consisting of: time based reference with respect to said first interval, direct reference to said first activity and indirect reference to said first activity. (Col. 10, lines 39-42)

With regards to claim 26 Madore et al. (USPN 5,909,672) teaches, time based reference is with respect to said first interval, and wherein all sub-activities are retrieved that are framed at least in part by said first interval.(Col.15, lines 1-4)

With regards to claim 27 Madore et al. (USPN 5,909,672) teaches, direct reference directly refers to said first activity. (Col.15, lines 1-4)

With regards to claim 28 Madore et al. (USPN 5,909,672) teaches, indirect reference includes a reference to an item used by said process during said first activity. (Col.15, lines 1-7)

With regards to claim 29 Madore et al. (USPN 5,909,672) teaches, memory media for controlling a computer to retrieve activity data of a process that is stored in a memory, said memory media comprising:



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first means for controlling said computer to perform a first operation to identify a first activity that has a first interval, which occurs during said process, (28,34 figure 1)

second means for controlling said computer to perform a second operation to identify a second activity that has a second interval, which occurs during said process and is framed by said first interval; and (28,34 figure 1)

third means for controlling said computer to perform a third operation to process said first and second activities to access said memory to retrieve said activity data. (28,34 figure 1)

With regards to claim 30 Madore et al. (USPN 5,909,672) teaches, memory media for controlling a computer to process the data of a process, said method comprising:

first means for controlling said computer to perform a first operation to collect activity data from a first activity that has a first interval and a second activity that has a second interval, said first and second intervals occurring during said process; (28,34 figure 1)

second means for controlling said computer to perform a second operation to process said activity data according to a data structure that defines said first and second intervals such that said first interval frames said second interval at least in pad; and (28,34 figure 1)

third means for controlling said computer to perform a third operation to store said processed activity data. (28,34 figure 1)

With regards to claim 31 Madore et al. (USPN 5,909,672) teaches, a method for processing activity data of a process, said method comprising'.

(a) processing a first activity that has a first interval and a second activity that has a second interval, wherein said second interval frames said first interval at least in part; and (28; figure 1)

(b) processing said first and second activities to access a memory to store and/or retrieve said activity data. (28,64 figure 1)

With regards to claim 32 Madore et al. (USPN 5,909,672) teaches, an apparatus for processing activity data of a process, said apparatus comprising:

first processing means for processing a first activity that has a first interval and a second activity that has a second interval, wherein said second interval frames said first interval at least in pad; and (28;figure 1)

second processing means for processing said first and second activities to access a memory to store and/or retrieve said activity data. (28;figure 1)

With regards to claim 33 Madore et al. (USPN 5,909,672) teaches a memory media for controlling a computer to process activity data of a process, said memory media comprising:

first means for controlling said computer to perform a first operation to process a first activity that has a first interval and a second activity that has a second interval, wherein said second interval frames said first interval at least in pad; and (34 figure 1)

second means for controlling said computer to perform a second operation to process said first and second activities to access said memory to store and/or retrieve said activity data. (34 figure 1)

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.. Skinner et al. (USPN 6,622,116) teaches a time and activity tracker, Fox (USPN 5,890,134) teaches a scheduling optimizer, Edgar et al. (USPN 5,848,395) appointment booking and scheduling system, Conway (USPN 5,732,01) activity based cost tracking systems, Ford et al. (USPN 6,480,830) active calendar system, Starr (USPN 6,606,606) systems and methods for performing integrated financial transaction, Rhodes et al. (USPN 6,073,110) activity based equipment scheduling method and system, Heagle et al. (USPN 5,939,974) teaches a system for monitoring food service requirements for compliance at a food service establishment, Fu et al. (USPN 6,647,370) teaches a system and methods for scheduling and tracking events across multiple time zones, McCasland (USPN 5,856,931) teaches a method and system for identifying organizing, scheduling executing, analyzing and documenting detailed inspection activities for specific items in either a time based or on demand fashion, and Bowen et al (USPN 5,648,900) teaches a method and apparatus for controlling and monitoring group travel related services,


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Aditya S Bhat whose telephone number is 703-308-0332. The examiner can normally be reached on M-F 9-5:30.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Barlow can be reached on 703-308-3126. The fax phone number for the organization where this application or proceeding is assigned is 703-308-5841.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

Aditya Bhat  
December 13, 2003



John Barlow  
Supervisory Patent Examiner  
Technology Center, 2100